

UNITED COATINGS -- RHINO TOP, SMOOTH WALKWAY COMPOUND, NON-SLI -- 8010-00-641-0429

===== Product Identification =====

Product ID:RHINO TOP, SMOOTH WALKWAY COMPOUND, NON-SLI

MSDS Date:07/17/1991

FSC:8010

NIIN:00-641-0429

MSDS Number: BRNNF

=== Responsible Party ===

Company Name:UNITED COATINGS

Address:E. 19011 CATALDO

City:GREENACRES

State:WA

ZIP:99016

Country:US

Info Phone Num:509-926-7143

Emergen

cy Phone Num:509-926-7143

Preparer's Name:DON LILY/ENVIRON. SECT.

CAGE:UNITD

=== Contractor Identification ===

Company Name:UNITED COATINGS INC

Address:2850 FESTIVAL DR

City:KANKAKEE

State:IL

ZIP:60901

Country:US

Phone:815-935-1200

CAGE:UNITD

Company Name:UNITED PAINT MFG CO

Address:19011 E CATALDO RD

Box:City:GREENACRES

State:WA

ZIP:99016-5000

Country:US

Phone:509-926-7143/800-835-9673

CAGE:64246

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE GLYCOL

CAS:107-21-1
RTECS #:KW2975000
Fraction by Wt: 1.70%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:50 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:BUTYL CARBITOL
CAS:112-34-5
RTECS #:KJ9100000
Fraction by Wt: < 2.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 0.7 LB/GL; 82 GM/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO
IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: HEADACHE, NAUSEA, VOMITING,
ABDOMINAL PAIN, IRRITATION OF NOSE/THROAT/LUNGS. SKIN/EYE
IRRITATION. CHRONIC: NOT ESTABLISHED. THE EFFECTS OF OVEREXPOSURE
ARE BASED ON ACUTE TOXICITY PROFILES FOR A NO. OF ACRYLIC
EMULSIONS THAT ARE COMPOSTIONALLY SIMILAR TO THIS EMULSION. OTHERS
INVOLVE AMMONIA, ETHYLENE GLYCOL.

Effects of Overexposure:INHALATION OF VAPOR/SPRAY MIST CAUSE HEADACHE,
NAUSEA, IRRITATION OF NOSE, THROAT,
LUNGS. SLIGHTLY IRRITATING TO
SKIN. EYE CONTACT SEVERE IRRITATION DUE TO AMMONIA IN PRODUCT. MAY
ABSORB THROUGH SKIN, WHICH MAY CAUSE DAMAGE TO KIDNEYS, &
DEPRESSION OF CENTRAL NERVOUS SYSTEM (CNS). INGESTION MAY CAUSE
NAUSEA.

Medical Cond Aggravated by Exposure:A PRE-EXISTING EYE OR PULMONARY
DISEASE OR IMPAIRED KIDNEY FUNCTION MAY BE SUSCEPTIBLE TO
AGGRAVATION FROM EXPOSURE.

===== First Aid Measures =====

First Aid:INHALATION: RE

MOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING.

IF BREATHING DIFFICULT GIVE OXYGEN. CALL A PHYSICIAN IMMEDIATELY. EYES:
FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE
HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEE A PHYSICIAN.
SKIN: WASH WITH SOAP & WATER. CONSULT A PHYSICIAN IF IRRITATION
PERSISTS. IF SWALLOWED, CALL A DR. IMMEDIATELY. NEVER GIVE ANYTHING TO
UNCONSCIOUS PERSON.

===== Fire Fighting Measures =====

Extinguishing Media

a: CO₂, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG TO
PREVENT PRESSURE BUILD-UP.

Unusual Fire/Explosion Hazard: FOR FIRES INVOLVING THIS MATERIAL DON'T
ENTER ANY ENCLOSED/CONFINED FIRE SPACE WITHOUT PROPER EQUIPMENT, PLUS
SCBA TO PROTECT AGAINST THE HAZARDOUS EFFECTS.

===== Accidental Release Measures =====

Spill Release Procedures: DIKE & CONTAIN SPILL WITH INERT MATERIAL

(SAND, EARTH OR OTHER SUITABLE MATERIAL) & PLACE IN APPROVED

CONTAINERS. PREVENT SPILLED LIQUID FROM ENTERING SEWERS, STORM
DRAINS, & OTHER UNAUTHORIZED TREATMENT/DRAINAGE SYSTEMS & NATURAL
WATERWAYS.

===== Handling and Storage =====

Handling and Storage Precautions: KEEP FROM FREEZING. PRODUCT WILL
COAGULATE. KEEP CLOSED AFTER EACH USE. DON'T GET IN EYES, CLOTHES
OR ON SKIN. DON'T USE PRESSURE TO EMPTY CONTAINER.

Other Precautions: CONTAINERS, EVEN EMPTY, WILL RETAIN PRODUCT
RESIDUE &

VAPORS. HEED WARNINGS & HANDLE EMPTY CONTAINERS AS IF FULL. FOR
EXTERIOR USE ONLY. USE OF THIS PRODUCT INSIDE, HEALTH HAZARD. DON'T
CUT, WELD, DRILL ON/NEAR THIS CONTAINER. KEEP FROM CHILD.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: RESPIRATORS SHOULD BE WORN FOR PROTECTION FROM
AMMONIA VAPORS, ESPECIALLY IN CONFINED AREAS. RESPIRATORS SHOULD BE
NIOSH APPROVED, & MAY BE A FULL FACE PIECE, A SUPPLIED AIR, OR SCBA

IN THE PRESSURE DEMAND MODE.
Ventilation:IN CONFINED AREAS, LOCAL MECHANICAL EXHAUST VENTILATION
CAPABLE OF MAINTAINING EMISSIONS AT THE POINT OF USE BELOW PEL.
Protective Gloves:IMPERVIOUS (RUBBER, NEOPRENE)
Eye Protection:SAFETY GLASSES, SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER SHOULD BE
AVAILABLE.
Supplemental Safety and Health
CHRONIC: ETHYLENE GLYCOL MAY CAUSE LOSS OF APPETITE, LIVER, KIDNEY &
NEURAL DYSFUNCTION IF EXPOSED TO HIGH CONCENTRATIONS.

===== Physical/Chemical Properties =====

HCC:N1
Boiling Pt:B.P. Text:212F,100C
Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C
Vapor Pres:0.1 MM HG
Vapor Density:< AIR
Spec Gravity:1.43
pH:8-9.1
Viscosity:80-100 K.U.
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:SOLUBLE
Appearance and Odor:VISCOUS, PIGMENTED LIQUID, AMMONIA ODOR
Percent Volatiles by Volume:55#2

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE
OXIDES OF CARBON/NITROGEN, UNIDENTIFIED ORGANIC COMPOUNDS IN SMOKE
& ACRYLIC MONOMERS.

===== Disposal Considerations =====

Waste Disposal Methods:CONSULT APPROPRIATE LOCAL, STATE & FEDERAL
REGULATIONS TO ASCERTAIN PROPER DISPOSAL PROCEDURES. DISPOSE OF
CONTAMINATE IN A MANNER APPROVED FOR THIS MATERIAL. EMPTY
CONTAINERS CAN HAVE RESIDUES, GASES,

MISTS & ARE SUBJECT TO PROPER
DISPOSAL.

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